



IDAHO SOIL & WATER  
CONSERVATION COMMISSION

## Post-Harvest Deep Soil Sampling (East Cassia CD)

Program	District Technical Assistance (ISWCC)
Lead Implementer	Idaho Soil and Water Conservation Commission
Other Organizations	East Cassia Conservation District
Project Primary Contact	Carolyn Firth (carolyn.firth@swc.idaho.gov)
Project Stage	Post-Implementation
Duration	2017

### Conservation Support > District Technical Assistance (ISWCC)

The project conducted post-harvest deep soil sampling (PHDSS) to show the relationship between management practices applied on a specific field and ground water quality impacts. Three Nitrate Priority Areas (NPAs) sampled: the Marsh Creek area in Cassia County, #1 ranked NPA in the state in 2014; Minidoka NPA, in Minidoka County #25, and the Twin Falls NPA, ranked #21. The project demonstrated the relationship of applied nutrients and irrigation water in a field to ground water quality. Measuring deep soil nitrate and phosphorous may identify activities contributing to nitrate ground water contamination and provide relatively quick feedback on changes to management practices.

*No Key Photo provided*

### Key Accomplishments

- Engineering & Technical Assistance Hours Requested: 20
- Engineering & Technical Assistance Hours Allocated: 20
- Engineering & Technical Assistance Hours Provided: 20
- Engineering & Technical Assistance Value: \$1,224.40

### Project Themes

- Soils

### Location



### Expenditures

*No expenditures provided*

## Photos

*No additional photos provided*

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*Tracker tells stories at a broad-brush level. Individual project performance measures and expenditures should not be relied upon for complete and total accuracy and should be confirmed with a project's lead implementer. Project locations subject to confidentiality provisions under state and federal law specify the location of a local conservation district or USDA service center office.*

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Project last updated 7/27/2020